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T.M. 6274-B-4002
PATENT 9/1/00

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Andrew Harvey

Attorney Docket No.: CISCP180D1

Application No.: 09/174,046

Examiner: UNASSIGNED

Filed: October 16, 1998

Group: 2756

Title: VIRTUAL INTERFACES WITH
DYNAMIC BINDING

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service as First Class Mail to: Assistant Commissioner for Patents, Washington, DC 20231 on August 25, 2000.

Signed:

Leslie Robertson
Leslie Robertson

**POWER OF ATTORNEY BY ASSIGNEE
AND REVOCATION OF PREVIOUS POWERS**

Assistant Commissioner for Patents
Washington, D. C. 20231

Sir:

Cisco Systems, Inc., ("assignee"), a California corporation having a place of business 170 West Tasman Drive, San Jose, CA 95134, certifies that to the best of assignee's knowledge and belief it is the assignee of the entire right, title, and interest in and to the above-referenced patent application and represents that the undersigned is a representative authorized and empowered to sign on behalf of the assignee.

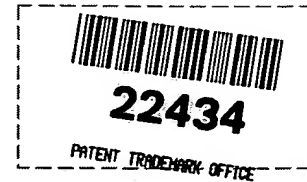
Assignee has reviewed the assignment document that evidences the placement of title in the assignee, a true and correct copy of which is attached hereto, and understands and believes that this assignment document has been submitted for recordation in the U.S. Patent and Trademark Office.

Pursuant to 37 C.F.R. §§1.36 and 3.71, the assignee hereby revokes all powers of attorney previously given and hereby appoints the law firm of Beyer Weaver & Thomas, LLP and all practitioners who are associated with the **Customer Number 022434** as principal attorneys to prosecute this application and transact all business in the Patent and Trademark Office connected therewith.

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Please send all correspondence for this application as follows:

Customer Number 022434
BEYER WEAVER & THOMAS, LLP
P.O. Box 130
Mountain View, CA 94042-0130



Please direct any calls to **Dean E. Wolf** (510) 843-6200.

Assignee of Interest:

Cisco Systems, Inc.
170 West Tasman Drive
San Jose, CA 95134

Date

8/18/00


Name: Robert Barr, Esq.

Title: Worldwide Patent Counsel



**UNITED STATES DEPARTMENT OF COMMERCE
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PTAS

THE LAW OFFICES OF STEVEN A. SWERNOFSKY
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**UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT**

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PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 12/15/1998

REEL/FRAME: 9657/0131
NUMBER OF PAGES: 5

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

HARVEY, ANDREW G.

DOC DATE: 12/07/1998

ASSIGNEE:

CISCO TECHNOLOGY, INC.
170 W. TASMAN DRIVE
SAN JOSE 95134

SERIAL NUMBER: 09174046
PATENT NUMBER:

FILING DATE: 10/16/1998
ISSUE DATE:

STEVEN POST, EXAMINER
ASSIGNMENT DIVISION
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SM

ASSIGNMENT

WHEREAS, I, Andrew Harvey, a citizen of Great Britain, residing at 3215 Glenda Court, Pleasanton, CA, 94588, have invented a "Virtual Interfaces with Dynamic Binding" for which I have executed application papers for a U.S. patent thereon, which was filed on October 16, 1998, Serial No. 09/174,046; and

WHEREAS, Cisco Technology, Inc., a California corporation, having a place of business at 170 W. Tasman Drive, San Jose, California 95134, is desirous of acquiring the exclusive right, title and interest in and to said invention and in and to the Letters Patent to be granted and issued therefor in the United States of America and its territories and possessions, and in all countries foreign thereto;

NOW, THEREFORE, for a valuable consideration, the receipt of which is hereby acknowledged, I, Andrew Harvey, do sell, assign, transfer and set over unto the said Cisco Technology, Inc., its successors and assigns, the full and exclusive right, title and interest in and to said invention, and in and to any and all letters patent to be granted and issued therefor, not only for, to and in the United States of America, its territories and possessions, but also for, to and in all other countries including all priority rights under the International Convention; and we hereby authorize and request the Commissioner of Patents and Trademarks to issue said Letters Patent to said Cisco Technology, Inc., its successors and assigns, in accordance with this Assignment.

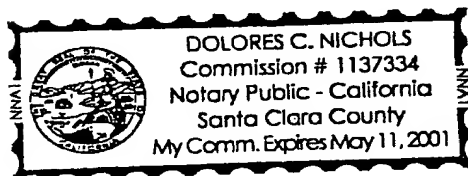
WITNESS OUR HAND at San Jose, this 7th day of November, 1998.
~~December~~

Andrew G. Harvey
 Andrew Harvey

STATE OF CALIFORNIA)
) ss.
 COUNTY OF SANTA CLARA)

On this 7th day of November, 1998, before me, Dolores C. Nichols, a Notary Public, personally appeared Andrew Harvey, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument, the person or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.



Dolores C. Nichols
 NOTARY PUBLIC

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